

<110> Bandman, Olga
Lal, Preeti G.

<120> PROSTATE-ASSOCIATED PROTEASE ANTIBODY

<130> PF-0227-2 CIP

<140> To Be Assigned

<141> Herewith

<160> 8

<170> PERL Program

<210> 1

<211> 283

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 556016

<220>

<221> unsure

<222> 235

<223> unknown or other

<400> 1

Met	Lys	Leu	Asn	Thr	Ser	Ala	Gly	Asn	Val	Asp	Ile	Tyr	Lys	Lys
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Leu	Tyr	His	Ser	Asp	Ala	Cys	Ser	Ser	Lys	Ala	Val	Val	Ser	Leu
				20					25					30
Arg	Cys	Ile	Ala	Cys	Gly	Val	Asn	Leu	Asn	Ser	Ser	Arg	Gln	Ser
				35					40					45
Arg	Ile	Val	Gly	Gly	Glu	Ser	Ala	Leu	Pro	Gly	Ala	Trp	Pro	Trp
				50					55					60
Gln	Val	Ser	Leu	His	Val	Gln	Asn	Val	His	Val	Cys	Gly	Gly	Ser
				65					70					75
Ile	Ile	Thr	Pro	Glu	Trp	Ile	Val	Thr	Ala	Ala	His	Cys	Val	Glu
				80					85					90
Lys	Pro	Leu	Asn	Asn	Pro	Trp	His	Trp	Thr	Ala	Phe	Ala	Gly	Ile
				95					100					105
Leu	Arg	Gln	Ser	Phe	Met	Phe	Tyr	Gly	Ala	Gly	Tyr	Gln	Val	Glu
				110					115					120
Lys	Val	Ile	Ser	His	Pro	Asn	Tyr	Asp	Ser	Lys	Thr	Lys	Asn	Asn
				125					130					135
Asp	Ile	Ala	Leu	Met	Lys	Leu	Gln	Lys	Pro	Leu	Thr	Phe	Asn	Asp
				140					145					150
Leu	Val	Lys	Pro	Val	Cys	Leu	Pro	Asn	Pro	Gly	Met	Met	Leu	Gln
				155					160					165
Pro	Glu	Gln	Leu	Cys	Trp	Ile	Ser	Gly	Trp	Gly	Ala	Thr	Glu	Glu
				170					175					180
Lys	Gly	Lys	Thr	Ser	Glu	Val	Leu	Asn	Ala	Ala	Lys	Val	Leu	Leu
				185					190					195
Ile	Glu	Thr	Gln	Arg	Cys	Asn	Ser	Arg	Tyr	Val	Tyr	Asp	Asn	Leu
				200					205					210
Ile	Thr	Pro	Ala	Met	Ile	Cys	Ala	Gly	Phe	Leu	Gln	Gly	Asn	Val
				215					220					225
Asp	Ser	Cys	Gln	Gly	Asp	Ser	Gly	Gly	Xaa	Leu	Val	Thr	Ser	Lys
				230					235					240
Asn	Asn	Ile	Trp	Trp	Leu	Ile	Gly	Asp	Thr	Ser	Trp	Gly	Ser	Gly
				245					250					255
Cys	Ala	Lys	Ala	Tyr	Arg	Pro	Gly	Val	Tyr	Gly	Asn	Val	Met	Val
				260					265					270
Phe	Thr	Asp	Trp	Ile	Tyr	Arg	Gln	Met	Arg	Ala	Asp	Gly		

<210> 2
 <211> 1077
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <223> Incyte ID No: 556016

 <220>
 <221> unsure
 <222> 9-10, 804
 <223> a, t, c, g, or other

<400> 2
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 cccgggtcga cccacgcgtc cgagcggatc caccagcttt atgaaactga acacaagtgc 120
 cggcaatgtc gatattctata aaaaactgta ccacagtgat gcctgttctt caaaagcagt 180
 ggtttcttta cgctgtatag cctgcggggg caacttgaac tcaagccgcc agagcaggat 240
 cgtgggcggc gagagcgcgc tcccgggggg ctggccctgg caggtcagcc tgcacgtcca 300
 gaacgtccac gtgtgcggag gctccatcat cacccccag tggatcgtga cagccgcca 360
 ctgctgggaa aaacctctta acaatccatg gcattggacg gcatttgagg ggattttgag 420
 acaatctttc atgttctatg gagccggata ccaagtagaa aaagtgattt ctcatccaaa 480
 ttatgactcc aagaccaaga acaatgacat tgcgctgatg aagctgcaga agcctctgac 540
 tttcaacgac ctagtgaaac cagtgtgtct gcccaccca ggcatgatgc tgcagccaga 600
 acagctctgc tggatttccg ggtggggggc caccgaggag aaagggaaga cctcagaagt 660
 gctgaacgct gccaaagggtc ttctcattga gacacagaga tgcaacagca gatattgtcta 720
 tgacaacctg atcacaccag ccatgatctg tgccggcttc ctgcaggga acgtcgattc 780
 ttgccagggt gacagtggag ggcntctggt cacttcgaag aacaatatct ggtggctgat 840
 aggggataca agctgggggt ctggctgtgc caaagcttac agaccaggag tgtacgggaa 900
 tgtgatggta ttcacggact ggatttatcg acaaatgagg gcagacggct aatccacatg 960
 gtcttcgtcc ttgacgtcgt tttacaagaa aacaatgggg ctggttttgc tttcccgtgc 1020
 atgatttact cttagagatg attcagaggt cacttcattt ttattaaaca gtgaact 1077

<210> 3
 <211> 270
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 556016H1

<220>
 <221> unsure
 <222> 136
 <223> a, t, c, g, or other

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 acatccagag taagtttgag gacctgaata agcgcaaaga caccaaggag atctacacgc 120
 acttcacgtg cgccanccga caaccaagaa cgtgcagttc gtgtttgacg ccgtcaccga 180
 tgatcatcat aagaacaacc tgaaggactg cggcctcttc tgaggggcag cggggcctgg 240
 cgggatgggc caccgccgac tttgtacccc 270

<210> 4
 <211> 256
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 842889H1

<400> 4
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 ccgggtggg ggccaccgag gagaaagga agacctcaga agtgctgaac gctgccaagg 180
 tgcttctcat tgagacacag agatgaaca gcagatatgt ctatgacaac ctgatcacac 240
 cagccatgat ctgtgc 256

<210> 5
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 991163H1

<220>
 <221> unsure
 <222> 8, 65, 73, 90, 172, 179, 192, 199, 223, 241, 259, 263, 285
 <223> a, t, c, g, or other

<400> 5
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 gcgngnagag cngctcccg ggggcctggg cctggcaggt cagcctgcac gtccagaacg 120
 tccacgtgtg cggaggctcc atcatcacc cagagtggat cgtgacagcc gnccactgng 180
 tggaaaaacc tnttaacant ccatggcatt ggacggcatt tngggggatt ttgagacaat 240
 ntttcatgtt ctatggagnc ggntaccaag tagaaaaagt gtttntcatc caaa 294

<210> 6
 <211> 235
 <212> PRT
 <213> Homo sapiens

<300>
 <308> Genbank ID No: g416132

<400> 6
 Ile Val Gly Gly Ser Asp Ser Arg Glu Gly Ala Trp Pro Trp Val
 1 5 10 15
 Val Ala Leu Tyr Phe Asp Asp Gln Gln Val Cys Gly Ala Ser Leu
 20 25 30
 Val Ser Arg Asp Trp Leu Val Ser Ala Ala His Cys Val Tyr Gly
 35 40 45
 Arg Asn Met Glu Pro Ser Lys Trp Lys Ala Val Leu Gly Leu His
 50 55 60
 Met Ala Ser Asn Leu Thr Ser Pro Gln Ile Glu Thr Arg Leu Ile
 65 70 75
 Asp Gln Ile Val Ile Asn Pro His Tyr Asn Lys Arg Arg Lys Asn
 80 85 90
 Asn Asp Ile Ala Met Met His Leu Glu Met Lys Val Asn Tyr Thr
 95 100 105
 Asp Tyr Ile Gln Pro Ile Cys Leu Pro Glu Glu Asn Gln Val Phe
 110 115 120
 Pro Pro Gly Arg Ile Cys Ser Ile Ala Gly Trp Gly Ala Leu Ile
 125 130 135
 Tyr Gln Gly Ser Thr Ala Asp Val Leu Gln Glu Ala Asp Val Pro
 140 145 150
 Leu Leu Ser Asn Glu Lys Cys Gln Gln Gln Met Pro Glu Tyr Asn
 155 160 165
 Ile Thr Glu Asn Met Val Cys Ala Gly Tyr Glu Ala Gly Gly Val
 170 175 180
 Asp Ser Cys Gln Gly Asp Ser Gly Gly Pro Leu Met Cys Gln Glu
 185 190 195
 Asn Asn Arg Trp Leu Leu Ala Gly Val Thr Ser Phe Gly Tyr Gln
 200 205 210
 Cys Ala Leu Pro Asn Arg Pro Gly Val Tyr Ala Arg Val Pro Arg

	215		220	225
Phe Thr Glu Trp	Ile Gln Ser Phe Leu	His		
	230	235		

<210> 7
 <211> 262
 <212> PRT
 <213> Homo sapiens

<300>
 <308> Genbank ID No: g186653

<400> 7

Met Trp Phe Leu Val	Leu Cys Leu Ala Leu	Ser Leu Gly Gly Thr	
1 5	10	15	
Gly Ala Ala Pro Pro	Ile Gln Ser Arg Ile	Val Gly Gly Trp Glu	
20	25	30	
Cys Glu Gln His Ser	Gln Pro Trp Gln Ala	Ala Leu Tyr His Phe	
35	40	45	
Ser Thr Phe Gln Cys	Gly Gly Ile Leu Val	His Arg Gln Trp Val	
50	55	60	
Leu Thr Ala Ala His	Cys Ile Ser Asp Asn	Tyr Gln Leu Trp Leu	
65	70	75	
Gly Arg His Asn Leu	Phe Asp Asp Glu Asn	Thr Ala Gln Phe Val	
80	85	90	
His Val Ser Glu Ser	Phe Pro His Pro Gly	Phe Asn Met Ser Leu	
95	100	105	
Leu Glu Asn His Thr	Arg Gln Ala Asp Glu	Asp Tyr Ser His Asp	
110	115	120	
Leu Met Leu Leu Arg	Leu Thr Glu Pro Ala	Asp Thr Ile Thr Asp	
125	130	135	
Ala Val Lys Val Val	Glu Leu Pro Thr Gln	Glu Pro Glu Val Gly	
140	145	150	
Ser Thr Cys Leu Ala	Ser Gly Trp Gly Ser	Ile Glu Pro Glu Asn	
155	160	165	
Phe Ser Phe Pro Asp	Asp Leu Gln Cys Val	Asp Leu Lys Ile Leu	
170	175	180	
Pro Asn Asp Glu Cys	Glu Lys Ala His Val	Gln Lys Val Thr Asp	
185	190	195	
Phe Met Leu Cys Val	Gly His Leu Glu Gly	Gly Lys Asp Thr Cys	
200	205	210	
Val Gly Asp Ser Gly	Gly Pro Leu Met Cys	Asp Gly Val Leu Gln	
215	220	225	
Gly Val Thr Ser Trp	Gly Tyr Val Pro Cys	Gly Thr Pro Asn Lys	
230	235	240	
Pro Ser Val Ala Val	Arg Val Leu Ser Tyr	Val Lys Trp Ile Glu	
245	250	255	
Asp Thr Ile Ala Glu	Asn Ser		
260			

<210> 8
 <211> 263
 <212> PRT
 <213> Homo sapiens

<300>
 <308> Genbank ID No: g55527

<400> 8

Met Trp Phe Leu Ile	Leu Phe Leu Ala Leu	Phe Leu Gly Gly Ile	
1 5	10	15	
Asp Ala Ala Pro Pro	Val Gln Ser Arg Ile	Ile Gly Gly Phe Asn	
20	25	30	
Cys Glu Lys Asn Ser	Gln Pro Trp His Val	Ala Val Tyr Arg Phe	
35	40	45	
Ala Arg Tyr Gln Cys	Gly Gly Val Leu Leu	Asp Ala Asn Trp Val	

Leu	Thr	Ala	Ala	His	Cys	Tyr	Asn	Asp	Lys	Tyr	Gln	Val	Trp	Leu	50	55	60
															65	70	75
Gly	Lys	Asn	Asn	Arg	Phe	Glu	Asp	Glu	Pro	Ser	Ala	Gln	His	Gln	80	85	90
Leu	Ile	Ser	Lys	Ala	Ile	Pro	His	Pro	Gly	Phe	Asn	Met	Ser	Leu	95	100	105
Leu	Asn	Lys	Asp	His	Thr	Pro	His	Pro	Glu	Asp	Asp	Tyr	Ser	Asn	110	115	120
Asp	Leu	Met	Leu	Val	Arg	Leu	Lys	Lys	Pro	Ala	Glu	Ile	Thr	Asp	125	130	135
Val	Val	Lys	Pro	Ile	Asp	Leu	Pro	Thr	Glu	Glu	Pro	Thr	Val	Gly	140	145	150
Ser	Arg	Cys	Leu	Ala	Ser	Gly	Trp	Gly	Ser	Thr	Thr	Pro	Thr	Glu	155	160	165
Glu	Phe	Glu	Tyr	Ser	His	Asp	Leu	Gln	Cys	Val	Tyr	Leu	Glu	Leu	170	175	180
Leu	Ser	Asn	Glu	Val	Cys	Ala	Lys	Ala	His	Thr	Glu	Lys	Val	Thr	185	190	195
Asp	Thr	Met	Leu	Cys	Ala	Gly	Glu	Met	Asp	Gly	Gly	Lys	Asp	Thr	200	205	210
Cys	Val	Gly	Asp	Ser	Gly	Gly	Pro	Leu	Ile	Cys	Asp	Gly	Val	Leu	215	220	225
Gln	Gly	Ile	Thr	Ser	Trp	Gly	Pro	Thr	Pro	Cys	Ala	Leu	Pro	Asn	230	235	240
Val	Pro	Gly	Ile	Tyr	Thr	Lys	Leu	Ile	Glu	Tyr	Arg	Ser	Trp	Ile	245	250	255
Lys	Asp	Val	Met	Ala	Asn	Asn	Pro								260		

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